

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

CS-23-030627

First Inventor

Kenzo EGUCHI

Title

Valve

Express Mail Label No.

17507 U.S. PTO  
10/607038

06/27/03

**APPLICATION ELEMENTS**

ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **14**]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **4**]
5. Oath or Declaration [Total Pages **4**]  
a. ☒ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)  
b. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_ / \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under  
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

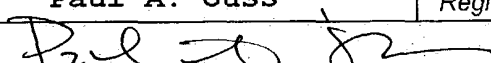
**19. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

22712

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name	Paul A. Guss				
Address	775 South 23rd Street				
	First Floor, Suite 2				
City	Arlington	State	VA	Zip Code	22202
Country		Telephone	(703) 486-2710	Fax	486-2720

Name (Print/Type)	Paul A. Guss	Registration No. (Attorney/Agent)	33,099
Signature		Date	Jun. 27, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on  
the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC  
0231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application,  
Washington, DC 20231.

# FEE TRANSMITTAL

## for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**415.00**

## Complete if Known

Application Number	
Filing Date	June 27, 2003
First Named Inventor	Kenzo EGUCHI
Examiner Name	
Art Unit	
Attorney Docket No.	CS-23-030627

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
Deposit Account Name

07-2519

Paul A. Guss

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	375
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) <b>375.00</b>

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	5	-20** =	0	X		=	
Independent Claims	1	-3** =	0	X		=	
Multiple Dependent						=	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid	
1204 84	2204 42	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			(\$) <b>0.00</b>

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	1052 50	2052 25	Surcharge - late filing fee or oath	
1053 130	2053 130	1812 2,520	2,520	Surcharge - late provisional filing fee or cover sheet	
1812 2,520	2,520	1804 920*	920*	Non-English specification	
1804 920*	920*	1805 1,840*	1,840*	For filing a request for <i>ex parte</i> reexamination	
1805 1,840*	1,840*	2251 55	55	Requesting publication of SIR prior to Examiner action	
2251 55	55	2252 205	205	Requesting publication of SIR after Examiner action	
2252 205	205	2253 465	465	Extension for reply within first month	
2253 465	465	2254 725	725	Extension for reply within second month	
2254 725	725	2255 985	985	Extension for reply within third month	
2255 985	985	2401 160	160	Extension for reply within fourth month	
2401 160	160	2402 160	160	Extension for reply within fifth month	
2402 160	160	2403 140	140	Notice of Appeal	
2403 140	140	1451 1,510	1,510	Filing a brief in support of an appeal	
1451 1,510	1,510	1452 110	110	Request for oral hearing	
1452 110	110	1453 1,300	1,300	Petition to institute a public use proceeding	
1453 1,300	1,300	1501 1,300	1,300	Petition to revive - unavoidable	
1501 1,300	1,300	1502 470	470	Petition to revive - unintentional	
1502 470	470	1503 630	630	Utility issue fee (or reissue)	
1503 630	630	1460 130	130	Design issue fee	
1460 130	130	1807 50	50	Plant issue fee	
1807 50	50	1806 180	180	Petitions to the Commissioner	
1806 180	180	8021 40	40	Processing fee under 37 CFR 1.17(q)	
8021 40	40	1809 750	750	Submission of Information Disclosure Stmt	
1809 750	750	1810 750	750	Recording each patent assignment per property (times number of properties)	40
1810 750	750	1801 750	750	Filing a submission after final rejection (37 CFR 1.129(a))	
1801 750	750	1802 900	900	For each additional invention to be examined (37 CFR 1.129(b))	
1802 900	900			Request for Continued Examination (RCE)	
				Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**40.00**

## SUBMITTED BY

Name (Print/Type)

Paul A. Guss

Registration No.  
(Attorney/Agent)

33,099

(Complete if applicable)

Telephone 703-486-2710

Signature

Date

June 27, 2003

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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